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Easington Rural District.

REPORT

OF THE

Medical Officer of Health

FOR THE

Year ended 31st December, 1925.



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Easington Rural District.

REPORT

OF THE

Medical Officer of Health

FOR THE

Year ended 31st December, 1925.

EASINGTON,

April, 1926.

Gentlemen,

I have pleasure in submitting to you my Fifth Annual Report. As intimated last year this is a survey report and while dealing with the Vital Statistics and Sanitary Work for the year ended 31st December 1925 will also deal with the Sanitary Progress in the District during the past 5 years.

NATURAL AND SOCIAL CONDITIONS OF THE AREA.

Area (in acres)	...	...	...	...	37,018
Population (1921 Census)	...	...	...	...	75,558
Population estimated for 1925	...	...	...	...	82,630

Physical features and general character of the
Area :—

The surface of the district is undulating from the coast line at sea level to nearly 500 feet. The soil is generally boulder clay with sometimes beds of sand and gravel. The whole is underlain by the magnesian limestone, which in a few places crops out at the surface. The climate is dry and cold.

Number of inhabited houses (1921)	...	...	14,091
Number of families or separate occupiers (1921)	...	...	14,554
Rateable value	...	...	£303,243
Sum represented by a penny rate	...	...	£1,197

The Rateable value on the 31st December, 1925, was £303,243 made up as follows :—

Land £21,291 ; Buildings, £281,952 ; and the Assessable Value £287,275.

SOCIAL CONDITIONS.


The majority of the population is employed in coal mining (655 out of every 1000 male workers) while only 24 per 1000 are engaged in agriculture.

EXTRACTS FROM THE VITAL STATISTICS OF THE YEAR.

		Total	Male	Female	
Births	{ Legitimate	2208	1156	1052	Birth Rate 27.60
	{ Illegitimate	73	33	40	
Deaths	...	987	550	437	Death Rate 11.94

Number of women dying in, or in consequence of Childbirth :
from Sepsis, 4 ; from other causes 6.

Deaths of infants under one year of age per 1,000 births :
Legitimate, 107.78 ; Illegitimate, 54.79 ; Total, 106.09.



Deaths from Measles (all ages)	...	...	...	38
„ Whooping Cough (all ages)	...	...	...	14
„ Diarrhoea (under 2 years of age)			...	30

Birth Rate, Death Rate and Infant Mortality Rate for past 5 years.

	BIRTH RATE		DEATH RATE		INFANT MORTALITY	
	England and Wales	Easington Rural District	England and Wales	Easington Rural District	England and Wales	Easington Rural District
1921	22.4	33.83	12.1	12.71	83	116.69
1922	20.6	29.57	12.9	12.16	77	91.06
1923	19.7	29.06	11.6	12.31	69	102.95
1924	18.8	29.19	12.2	13.34	75	116.1
1925	18.3	27.60	12.2	11.94	75	106.09

987 deaths occurred of which 131 were outside the district and 2281 births were registered compared with 1074 deaths and 2350 births in the previous year. 110 died between the ages of seventy and eighty and 43 between eighty and ninety. 2 females died over ninety, one at 92 and the other, (an inmate of the institution), at 100.

Thirty-five deaths occurred in the Institution Hospital. Of these 13 males and 13 females belonged to your district. 78 deaths were certified by coroner's inquests and 12 deaths were uncertified.

The birth rate compared with the rest of the country is very satisfactory and the death rate would also be better than that of England and Wales if it was not for the large Infant mortality rate due chiefly to the overcrowded conditions under which the people have to live.

BIRTH RATE, DEATH RATE AND ANALYSIS OF MORTALITY DURING THE YEAR 1925

	Birth Rate per 1,000 total population	Annual Death-rate per 1,000 Population									Rate per 1000 Births		Percentage of Total Deaths		
		All Causes	Enteric Fever	Smallpox	Measles	Scarlet Fever	Whooping Cough	Diphtheria	Influenza	Violence	Diarrhoea and Enteritis (under 2 years)	Total Deaths (under 1 year)	Causes of Death certified by Registered Medical Practitioners	Inquest Cases	Uncertified causes of Death
England and Wales ... }	18.3	12.2	0.01	0.00	0.13	0.03	0.15	0.07	0.32	0.47	8.4	75	92.1	6.9	1.0
Easington Rural District }	27.6	11.94	0.02	0.00	0.45	0.03	0.16	0.04	0.20	0.75	13.1	106	90.8	8.0	1.2

POOR LAW RELIEF :—The amount of Poor Law Relief for the past 5 years has been as follows :—

			Indoor.	Outdoor.	Total.
			£	£	£
1925	...	...	4,694	27,974	32,668
1924	...	...	4,361	23,930	28,291
1923	...	...	4,644	24,344	28,988
1922	...	...	5,259	25,623	30,882
1921	...	...	5,451	16,384	21,835
			<hr/>	<hr/>	<hr/>
			£24,409	£118,255	£142,664

Indoor relief includes Poor Law Institution and Infirmary.

Outdoor relief includes boarded out Children.

There was an epidemic of measles during the first half of the year and 38 children died, 36 being under 5 years of age. Many of these children could be saved if parents would treat the disease more seriously and keep them in bed. In this way the secondary causes of death such as bronchitis and pneumonia might be avoided.

During the last 2 months of the year there was an outbreak of smallpox at Murton. The origin was an unrecognised case which had come from an infected area. The majority of the cases were mild but one or two were rather severe. No case occurred in a child of school age who had been vaccinated in infancy and the chief lesson to be learned from the outbreak only goes to confirm what is already well known that the only safeguard is vaccination.

The Joint Smallpox Hospital being unable to accommodate all the patients some had to be sent to Blackfell and some to Middlesbrough.

GENERAL PROVISION OF HEALTH SERVICES IN THE AREA.

HOSPITALS IN THE DISTRICT.

Name	Supported by	Beds	Situation
Thorpe Isolat'n	Easington R.D.C.	64	Thorpe
Joint Smallpox Institution	Easington & Sedgfld. Easington B. of G.	24 112	Thornley Parish Easington
Horden Cottage	Horden Workmen	6	Horden

THORPE HOSPITAL :—An observation block which has been badly needed has been added at a cost of £2100.

The Scarlet and Diphtheria pavilions have been linked up for heating purposes with this new block and are now heated from a central boiler by means of pipes and radiators. This will be of great advantage as by the old fashioned means of a stove in the centre of the ward it was impossible to keep the proper temperature during the winter months.

JOINT SMALLPOX HOSPITAL :—A steam disinfecter has been provided so that no longer the infected clothes will have to be removed from the hospital to be disinfected. The drainage at the hospital has been improved and the telephone has been installed.

INSTITUTION HOSPITAL :—The new nurses' home has been completed and was opened during the year. There is accommodation for a staff of 12.

The General Hospitals available for the district are Newcastle, Sunderland, Hartlepool and Durham.

Unmarried mothers are received into the Institution Hospital and the Children's Home at the old Rectory has normal accommodation for 12 boys and 12 girls.

AMBULANCE FACILITIES :—For infectious cases a motor ambulance is kept at Thorpe Isolation Hospital and a horse ambulance at the Joint Smallpox Hospital. For non-infectious and accident cases the district depends upon the ambulances belonging to the different collieries. At most collieries there is a working arrangement between the owners and the workmen whereby the ambulance can be had to remove cases to and from the infirmaries when it is not required for accident cases. At Murton there is a horse ambulance belonging to the workmen.

CLINICS AND TREATMENT CENTRES :—Maternity and Child Welfare Centres are established at Easington Colliery, Horden, Shotton, Wingate, Trimdon, and Wheatley Hill and it is hoped to open a centre at Murton early in the year.

There is one Tuberculosis Dispensary at Horden. These are provided by the County Council.

TREATMENT CENTRES FOR VENEREAL DISEASES:—The nearest Venereal Disease Clinics are, Royal Infirmary, Newcastle, Royal Infirmary, Sunderland, County Hospital, Durham, and Mill House, West Hartlepool.

PUBLIC HEALTH OFFICERS OF THE LOCAL AUTHORITY.

One whole-time Medical Officer	} Contribution to salaries is made by Exchequer grants
Two „ Sanitary Inspectors	
One „ Sanitary Surveyor	

Sanitary Inspectors hold certificates of the Royal Sanitary Institute.

The Sanitary Surveyor is an Associate of the Surveyors' Institute, a Member of the Municipal Engineers, and a Member of the Royal Sanitary Institute.

NURSING ARRANGEMENTS

District Nurses work in the following villages :—Easington, Castle Eden, Thornley, Wheatley Hill Kelloe, South Hetton, Haswell and Blackhall.

For Maternity and Infant Welfare six County Health Visitors are in regular work and keep in touch with your Medical Officer.

MIDWIVES:—There are 24 certified Midwives practising in the district :—Five at Wingate, three at Murton, two each at Wheatley Hill, Easington Village, Easington Colliery, South Hetton and

Shotton and one each at Horden, Castle Eden Thornley, Haswell, Blackhall and Trimdon.

LEGISLATION IN FORCE :—A list of adoptive Acts in force in the District will be found in Table V.

The following Bye-laws of the Rural District Council are in force, with date of adoption :—

	Adopted
1. New Streets and Buildings ...	3rd June, 1909, as amended on 10th July, 1913, and 30th April, 1914.
2. Nuisances	27th June, 1901.
3. Common Lodging-houses ...	27th June, 1901.
4. Cleansing of Footways and Pavements, the Removal of House Refuse, and the Cleansing of Earth-closets, Privies, Ashpits and Cesspools	3rd June, 1909.
5. Dairies, Cowsheds and Milkshops	4th November, 1909.
6. Slaughter-houses	21st March, 1912.
7. Tents, Vans, Sheds, and similar structures used for human habitation	19th October, 1922

SANITARY CIRCUMSTANCES OF THE AREA.

WATER :—The district is abundantly supplied with excellent drinking water chiefly from the Sunderland and South Shields Water Company but partly by the Collieries themselves.

The water is of an exceptionally high degree of purity, and frequent and systematic examinations of the water from all the wells and reservoirs

are made to ensure that the water actually supplied is free from any harmful matter.

The chemical analysis is as follows :—

Total Solids	...	...	...	...	41.10
Nitrate (N_2O_5)	...	...	...	...	0.43
Chlorine	...	...	...	...	2.40
Alkalinity	...	...	...	...	26.10
Total Hardness	...	...	...	...	26.0
Temporary Hardness	...	...	...	...	16.6
Permanent Hardness	...	...	...	...	9.4

Results in parts per 100,000, except Hardness which is in degrees (Clark).

From the dietetic and health point of view the water leaves nothing to be desired.

It is believed that the normal supply of this water drawn from deep wells in the magnesian limestone will serve the increasing population of the district for at least 10 years by which time it is anticipated that the supply will be augmented from the Burnhope Reservoir in Weardale for the construction of which the Durham County Water Board and the Sunderland and South Shields Water Company are jointly responsible under their acts of 1921 and 1922.

The supply of limestone water is constant being pumped up into suitable reservoirs belonging either to the Sunderland and South Shields Water Company, the District Council or the Collieries.

The possibility of contamination is infinitesimal as the water must percolate from the surface through from 200 to 400 feet of underlying limestone and sand before it is pumped.

It has no plumbo solvent action. No case of contamination has ever been reported.

With the exception of a few outlying farms, which derive their supply from wells, the whole of the population is supplied from this source. Between 60% and 70% of the people have the water supplied direct to their houses, the remainder being supplied by means of stand pipes.

During the year the following extensions of water mains have taken place :—

Haswell Parish	...	165 yards of	3 in.	main.
Monk Hesledon Parish		200	„	3 „
Shotton	„ ...	390	„	3 „
Thornley	„ ...	233	„	3 „
Wingate	„ ...	920	„	3 „

RIVERS AND STREAMS :—The three principal streams in this district are—

South Hetton—Murton Beck.

Gore Beck.

Copperas Beck.

Originally the latter stream was very much polluted, arising through the lack of a main drainage system for the purpose of taking off the subsidiary drainage, but since the completion of the Wingate-to-the-Sea Sewage Scheme in 1921, (which contains approximately $8\frac{1}{2}$ miles of trunk line sewers) the condition of this beck has been greatly improved.

The other streams are still heavily charged with sewage, due to the lack of main drainage

systems for carrying it off to the sea. In each of these two cases, complete sewage schemes have been designed, but, more or less due to financial difficulties the work has not yet been put into operation.

DRAINAGE AND SEWERAGE :—Generally speaking the whole of this district is fairly well equipped with secondary drainage arrangements of a sufficient character to meet the needs. The major portion of the sewage is treated at Sewage Disposal Works, and the lesser amount finds its way into the streams. The Sewage Disposal Works are heavily surcharged and out of date and two main sewerage schemes have been designed to do away with these works and connect up the respective villages and so avoid the necessity of sewage entering the streams in any volume. The combined length of trunk line sewers for the two proposed schemes is approximately 14 miles.

THORNLEY-TO-THE-SEA SCHEME :—A ministry of Health Inspector held an inquiry into this scheme on 2nd September, 1925 and a good deal of correspondence has passed between your Clerk and the Ministry in respect to this inquiry. At the moment the position seems to be that the Ministry of Health desires that such work should be entrusted to an outside Engineer who specialises in this type of work. And probably this course will be pursued.

HASWELL - TO - THE - SEA SCHEME :—No change has taken place in connection with this scheme since my last report and I am still of opinion that every effort should be used to overcome the financial difficulties and get the scheme into operation.

SEWAGE DISPOSAL WORKS :—The various Disposal Works have received the usual care and maintenance and been kept going as far as possible. At Wingate Lane a small electrical pump was installed to deal with the sewage from the new housing in the district.

SEWERS :—All the existing sewers have received the usual care and attention, repairs effected where necessary and generally kept in working condition. The following lengths of sewers with accompanying manholes and equipment have been laid during the year :—

Easington Parish		60 yards of	12-in. Sewer.
„	„	1662	9-in. „
„	„	776	6-in. „
Haswell	„	111	6-in. „
Shotton	„	299	9-in. „
„	„	100	6-in. „
Monk Hesleden	„	880	12-in. „
„	„	397	9-in. „
„	„	242	6-in. „
Thornley	„	267	12-in. „
„	„	178	6-in. „
Wingate	„	982	9-in. „
„	„	256	6-in. „
„	„	471	4-in. C.I. Main.

Seaham Outfall Sewer, 132 yards of 18-in. C.I. pipe were laid to replace the worn out sewer.

CLOSET ACCOMMODATION :—During the last 5 years 399 ashpit-privies were converted into ash-closets and 135 ashpit-privies were converted into water closets.

Total number of Water-closets in the district	...	2,612
Total number of Ash-closets in the district	...	10,699
Total number of Ashpit-privies in the district	...	2,161

SCAVENGING :—The district is efficiently scavenged. With the exception of small townships, and they, largely agricultural, the scavenging is carried out under the direction of the larger Parochial Committees (nine in number). This is a great improvement on the old style of private contracting as in too many instances the private contractors made a convenience of this work.

SANITARY INSPECTION OF THE AREA :—Statutory Notices were served during the year as follows—

Under Sec. 36 Public Health Act 1875,	-	for 8 houses
„ Sec. 91 „ „ „	-	for 14 houses
„ Sec. 28 Housing, Town Planning Act 1919		for 2 houses
and under Sub-Sec. 1 of Sec. 3 Housing Act 1925,		for 1 house

Closing Orders were served on 20 houses, huts, vans, etc.

Informal notices were served for the following conditions discovered through casual or special inspections, and the nuisances were abated :—

Dwelling-houses :	Foul conditions	...	22
	Structural defects		45
	Overcrowding	...	85
Cowsheds	...	...	42
Slaughter-houses	...	...	23
Privies removed	...	...	126
Ash-pits removed	...	...	47
Ash-closets provided	...	...	109
Hatches, new ones and repaired	...		67
Water-closets repaired	...	...	9
Additional Water-closets provided	...		2
Conversions into Water-closets	...		15
House Drainage :	Old drains relaid	...	69
	Drains repaired	...	50
	New gullies provided		70
Rain spouts disconnected	...	...	1
New dust-bins provided	...	...	29
Deposits of refuse and manure	...		11
Pig sties	...	...	1
Animals improperly kept	...	...	8
Offensive trades	...	...	4
Other nuisances	...	...	21
Yard paving reconstructed or repaired			126
Total			982

SMOKE ABATEMENT :—Up to the present no action has been taken by the Local Authority with a view to smoke abatement.

HOUSING.

According to the 1921 census on the basis of England and Wales standard, Easington Rural District ought to have had 67,660 rooms for its population of 75,558 so that for the present estimated population of 82,630 it should have 73,993 rooms.

In 1921 there were 50,751 rooms, a deficiency of 16,909 rooms. In 1925 there were 59,790 rooms showing a deficiency of 14,203 rooms.

It is pleasing to be able to state that we are reducing the overcrowding, if somewhat slowly, but the conditions are still appalling. Here are half a dozen cases taken at random from a pile of overcrowdings.

Rooms.	Occupants.	Adults.	Children.
2	10	7	3
3	15	9	6
1	6	2	4
One child suffering from Tuberculosis.			
4	17	6	11
8 living in one small room.			
2	12	8	4

Not only are new houses badly needed but in the older villages many of the houses are unfit for habitation and but for the present great shortage would be condemned.

The Council are doing everything in their power to build as many houses as the present financial position will allow and we can only look to private enterprise to do the rest.

Of the 300 houses approved under the 1924 Act by the Ministry of Health, 156 are completed and occupied and the remainder are almost completed. Two Weir steel houses are also being erected

at Thornley. An additional batch of 200 houses were provisionally approved under the 1924 Act and it is proposed to make application to the Ministry for specific approval for the erection of these 200 houses at an early date.

The following are the number of houses and rooms erected in the different parishes during the past five years :—

Parish	Houses.	Rooms.
Castle Eden	4	18
Easington	263	971
Burdon	2	7
Haswell	238	894
Hutton Henry	2	8
Kelloe	3	13
Murton and Cold Hesledon	333	1266
Monk Hesleden	103	326
Seaham	268	1085
Shotton	584	2108
Thornley	260	975
Wingate	350	1368
Total	2410	8939

Of these, 1478 houses containing 5157 rooms were erected by private enterprise and 932 houses containing 3782 rooms were erected by the Council.

During the past 12 months 118 plans have been approved by the Building Plans Committee.

Certificates of Habitation for 668 houses erected by private enterprise have been issued out of which number 619 were erected under the Housing Subsidy Scheme.

During the year proceedings were taken against owners of wooden huts when convictions were recorded and it is to be hoped that this action will deter others from putting up similar structures.

The following table gives an idea where houses are most urgently needed.

Parish	Popula- tion 1921	Rooms occupied 1921	Rooms per person 1921	Popula- tion 1925	Rooms occupied 1925	Rooms per person 1925
Burdon	128	132	1.03	138	139	1.00
Castle Eden ...	1770	1975	1.13	1850	1993	1.07
Cold Hesledon ...	820	421	0.51	920	426	0.46
East Murton ...	8691	5059	0.58	9404	6320	0.67
Dalton-le-Dale ...	431	258	0.60	475	258	0.54
Easington & Thorpe	9094	6870	0.77	10151	7841	0.77
Haswell	6198	4431	0.72	6660	5325	0.79
Hawthorn	284	298	1.08	300	298	0.99
Hutton Henry ...	3506	2616	0.75	3811	2624	0.68
Kelloe	1003	628	0.63	1075	641	0.59
Monk Hesleden ...	5787	3961	0.73	6495	4187	0.64
Nesbit	12	12	1.00	13	12	0.92
Seaham	6493	3995	0.62	6952	5080	0.73
Seaton & Slingley	383	353	0.92	418	353	0.84
Sheraton & Hulam	163	187	1.15	174	187	1.07
Shotton	15646	9999	0.64	17420	12107	0.69
Thornley	3726	2463	0.66	4046	3438	0.84
Wingate	11423	7093	0.62	12328	8461	0.68
Total ...	75558	50751		82630	59790	

From the 1921 Census the standard for Easington was .9 rooms per person.

As some Houses built in Cold Hesledon have been put under Murton it will be better to take these two places together when room per person is 0.65.

INSPECTION AND SUPERVISION OF FOOD.

DAIRIES AND COWSHEDS :—These are inspected periodically. There are now 193 persons registered as producers, wholesale traders or retail purveyors of milk. Several retail purveyors have introduced the bottle system with stoppers which is an improvement. No Grade A or pastuerised milk is sold in the district.

There are 47 Slaughter houses in the area some of the recently built ones are good but the majority are not. They are too small, badly lighted and ventilated and in many cases in close proximity to dwelling houses. All unsound meat whether surrendered by the butchers themselves or found by the inspectors on their visits has been destroyed. With a district the size of Easington Rural District and a population of over 80,000 it is quite impossible for 2 inspectors with their various other duties to more than touch on the fringe of meat inspection.

Private Slaughter Houses in the District.

	In 1920	In Jan., 1925	In Dec., 1925
Registered	—	—	—
Licensed	32	41	47
	—	—	—
Total	32	41	47

BAKEHOUSES :-- Occasionally notices for limewashing and minor defects have had to be served but generally their condition is satisfactory.

NUMBER OF NEW HOUSES ERECTED DURING THE YEAR 1925 :—

(a) Total	...	...	...	...	843
(b) With State assistance under the Housing Acts :—					
(i) By Local Authority	...	...	...	...	156
(ii) By other bodies or persons	...	...	...	...	641
Without State assistance by other bodies or persons					46

1. UNFIT DWELLING-HOUSES :—

Inspection—(1) Total number of dwelling-houses inspected for housing defects (under Public Health or Housing Acts)	...	...	...	...	531
(2) Number of dwelling-houses which were inspected and recorded under the “ Housing (Inspection of District) Regulations, 1910, or the Housing Consolidated Regulations, 1925 ”	...	...	...	...	343
(3) Number of dwelling-houses found to be in a state so dangerous or injurious to health as to be unfit for human habitation	...	...	...	...	20
(4) Number of dwelling-houses (exclusive of those referred to under the preceding sub-head) found not to be in all respects reasonably fit for human habitation	...	...	...	...	161

2. REMEDY OF DEFECTS WITHOUT SERVICE OF FORMAL NOTICES :—

Number of defective dwelling-houses rendered fit in consequence of informal action by the Local Authority or their officers	110
---	-----	-----	-----	-----	-----

3. ACTION UNDER STATUTORY POWERS :—

A.—Proceedings under Section 3 of the “ Housing Act, 1925 ”

(1) Number of dwelling-houses in respect of which notices were served requiring repairs	...	...	...	...	3
(2) Number of dwelling-houses rendered fit after service of formal notices :—					
(a) by owners	...	...	...	...	3

(b) by Local Authority in default of owners	...	...	...	...	<i>Nil</i>
(3) Number of dwelling-houses in respect of which Closing Orders became operative in pursuance of declarations by Owners of intentions to close					<i>Nil</i>
B.—Proceedings under Public Health Acts.					
(1) Number of dwelling-houses in respect of which notices were served requiring defects to be remedied	...	...	...	...	12
(2) Number of dwelling-houses in which defects were remedied after service of formal notices :—					
(a) by owners	...	...	...	...	12
(b) by Local Authority in default of owners	...	...	...	...	<i>Nil</i>
C.—Proceedings under Sections 11, 14 and 15 of the “Housing Act, 1925.”					
(1) Number of representations made with a view to the making of Closing Orders	...	...	...	...	19
(2) Number of dwelling-houses in respect of which Closing Orders were made	...	...	...	...	19
(3) Number of dwelling-houses in respect of which Closing Orders were determined, the dwelling houses having been rendered fit	...	...	...	...	1
(4) Number of dwelling-houses in respect of which Demolition Orders were made	...	...	...	...	<i>Nil</i>
(5) Number of dwelling-houses demolished in pursuance of Demolition Orders	...	...	...	...	<i>Nil</i>

INFECTIOUS DISEASES.

During the year 244 cases were admitted to Thorpe Isolation Hospital and there were 7 deaths. 2 each from Scarlet Fever and Diphtheria and 1 each from Measles, Enteric Fever and Cerebro-Spinal Meningitis. The percentage of admissions still continues to improve.

66 cases of Diphtheria were notified but on examination several were found to be negative.

9 cases of Encephalitis Lethargica were notified but on investigation 4 were found to be suffering from other diseases. There were 2 deaths from this disease.

166 cases of pneumonia were notified. As I have said before in my opinion no useful purpose is served by the notification of this disease as the information conveyed is inclined to be misleading rather than helpful. Year after year the majority of the notifications come from the same villages, while villages adjoining although conditions are much the same, have very few notifications.

4 lots of bedding were destroyed and 428 houses were disinfected after infectious diseases or deaths from tuberculosis.

Diphtheria Antitoxin is supplied free to the medical practitioners in the district and one case is being supplied with insulin. Free bacteriological examinations made were

	Total.	Positive.	Negative.
Phthisis	148	19	129
Diphtheria	9	1	8
Typhoid	1	1	0

No use has been made of the tests known as the Schick and the Dick tests.

Under the Public Health (Smallpox Prevention Regulations) 1917 your Medical Officer performed 225 primary vaccinations and 192 re-vaccinations during the year.

NOTIFIABLE DISEASES.

Disease			Total Cases Notified	Cases Admitted to Hospital	Total Deaths
Smallpox	...	...	58	58	—
Scarlet Fever	...	...	222	177	3
Diphtheria	...	...	66	55	4
Enteric Fever	...	...	9	10	2
Puerperal Fever	...	...	4	—	4
Cerebro-Spinal Fever	...	...	1	1	1
Encephalitis Lethargica	...	...	9	—	2
Erysipelas	...	...	54	1	3
Pneumonia	...	...	166	—	102
*Chicken-pox	...	...	563	—	102 0

* Cases notified from 25th May to end of the year.

OPHTHALMIA NEONATORUM.

Case			Vision Un- impaired	Vision impaired	Total Blind- ness	Deaths
Notified	Treated					
	At Home	In Hospital				
9	6	3	7	1	—	3

The causes of Death were as follows :—

- 1 died from Congenital Debility.
- 1 „ Broncho Pneumonia.
- 1 „ Tuberculosis of the Mesenteric Glands.

TUBERCULOSIS.

Age Periods				New Cases				Deaths			
				Pul-monary		Non-Pul-monary		Pul-monary		Non-Pul-monary	
				Males	Fe-males	Males	Fe-males	Males	Fe-males	Males	Fe-males
Under 1 year	...			—	—	2	—	—	1	3	4
1 and under 5	...			3	—	13	8	—	—	7	3
5 „ 10	...			3	6	17	6	—	—	1	1
10 „ 15	...			5	6	8	20	1	2	—	2
15 „ 20	...			4	9	8	2	2	3	1	—
20 „ 25	...			5	9	3	1	5	5	—	—
25 „ 35	...			8	16	—	8	7	11	1	2
35 „ 45	...			6	5	4	1	4	3	1	—
45 „ 55	...			4	2	—	1	8	2	—	—
55 „ 65	...			—	3	1	1	1	1	—	—
65 and upwards	...			—	1	1	—	—	—	—	—
Totals	...			38	57	57	48	28	28	14	12

DEATHS FROM TUBERCULOSIS.

Localities				Pulmonary		Non-Pulmonary		Total
				Male	Female	Male	Female	
New Seaham	...			4	2	—	2	8
Murton	...	...		2	7	1	—	10
Haswell	...	...		2	—	1	—	3
South Hetton	...	...		1	—	1	2	4
Easington	...	...		5	3	1	3	12
Shotton	...	...		1	3	4	—	8
Horden	...	...		2	5	1	2	10
Wingate and Station Tn.	...	...		3	1	2	—	6
Thornley	...	...		4	1	—	1	6
Kelloe	...	...		—	—	—	1	1
Wheatley Hill	...	...		3	2	1	—	6
Castle Eden	...	...		1	1	—	—	2
Blackhalls	...	...		—	1	1	1	3
Trimdon	...	...		—	2	1	—	3
Totals	...	...		28	28	14	12	82

Of the 82 deaths from Tuberculosis 73 had been notified and 9 not notified. This is a much bigger percentage of notifications than in former years and it is to be hoped that this result will continue.

No employee engaged in the milk trade was found to be suffering from tuberculosis. No action under Section 62 of the Public Health Act 1925 was taken by the Council.

I am,

Your obedient Servant,

WM. GRANT,

M.B., CH.B., B.HY., D.P.H.,

Medical Officer of Health.

To the Easington Rural District Council.

TABLE I

Easington Rural District.

Particulars and Comparative Statistics of the Parishes in the District
Years 1901, 1911 and 1921

Parish	Area in Acres	Population in 1901	Population in 1911	Population in 1921	No. of Inhabited Houses in 1901	No. of Inhabited Houses in 1911	No. of Inhabited Houses in 1921
Burdon ...	1,135	195	124	128	32	25	25
Castle Eden ...	1,949	1,354	1,829	1,770	281	401	393
Cold Hesleden ...	1,030	899	833	820	139	132	132
Dalton-le-Dale ...	812	339	472	431	57	91	104
Easington, with Thorpe	5,073	1,731	2,711	9,094	331	516	1,589
East Murton ...	1,419	6,514	7,721	8,691	1,230	1,495	1,680
Haswell ...	3,318	5,512	5,860	6,198	1,096	1,240	1,284
Hawthorn ...	1,503	513	412	284	95	88	65
Hutton Henry ...	2,017	2,578	3,247	3,506	552	700	712
Kelloe ...	1,596	1,050	996	1,003	180	186	171
Monk Hesleden ...	2,540	1,302	2,093	5,787	275	449	991
Nesbit ...	333	13	19	12	2	2	2
Seaham ...	1,525	5,285	6,342	6,493	891	1,113	1,167
Seaton, with Slingiey	1,392	259	388	383	53	80	78
Sheraton, with Hulam	2,346	158	162	163	36	35	38
Shotton ...	3,707	1,917	12,561	15,646	409	2,213	2,730
Thornley ...	1,148	2,938	3,380	3,726	600	686	719
Wingate ...	4,175	8,005	10,890	11,423	1,469	1,930	2,067
Totals ...	37,018	40,562	60,040	75,558	7,728	11,382	13,947

TABLE II

Easington Rural District.

Deaths registered during the Calendar Year 1925 classified by age and cause

CAUSES OF DEATH	All Ages	Under 1 year	1 and under 2 years	2 and under 5 years	5 and under 10 years	10 and under 15 years	15 and under 20 years	20 and under 35 years	35 and under 45 years	45 and under 65 years	65 years and upward
1	2	3	4	5	6	7	8	9	10	11	12
All Causes	987	243	62	51	31	23	25	87	61	193	211
Enteric Fever	2					1				1	
Small Pox	0										
Measles	38	9	17	10	2						
Scarlet Fever	3			1	1	1					
Whooping Cough	14	8	4	2							
Diphtheria	4			2	2						
Influenza	17	2	1	2	2	1		1	2	3	3
Encephalitis Lethargica	2				1			1			
Meningocele Meningitis	2	1		1							
Tuberculosis of respiratory system ...	56	1		—		3	5	27	7	13	
Other Tuberculous diseases	26	7	4	6	2	2	1	3	1		
Cancer, malignant disease	62							1	5	36	20
Rheumatic Fever	5					2		1		2	
Diabetes	8							1		6	1
Cerebral Haemorrhage etc.	37										
Heart disease	76			1	2	2	2	2	1	13	21
Arterio Sclerosis	33								12	28	27
Bronchitis	82	21	9	5	1	1		1	2	4	29
Pneumonia (all forms)	102	30	19	9	7	3	3	7	3	12	30
Other respiratory diseases	13	1	1					1	1	6	3
Ulcer of Stomach or Duodenum	4							1	1	1	1
Diarrhoea etc. (under 2 years)	30	30									
Appendicitis and Typhlitis	8			1	2		2	1	1	1	
Cirrhosis of the Liver	4									2	
Acute and Chronic Nephritis	30	1			2	2	1	1	6	12	5
Puerperal Wopsis	4							4			
Other accidents and diseases of pregnancy and parturition ...	6							4	2		
Congenital debility, malformation and premature birth ...	100	102									
Suicide	63						1			3	2
Other Deaths from Violence	56	4	2	5	3	2	5	13	7	9	6
Other defined diseases	151	26	5	5	4	3	5	15	10	27	51
Causes ill-defined or unknown	4			1						1	2

TABLE III.

EASINGTON RURAL DISTRICT

Cases of Infectious Disease notified during the year 1925.

NOTIFIABLE DISEASE	NUMBER OF CASES NOTIFIED													TOTAL CASES NOTIFIED IN EACH LOCALITY												TOTAL CASES REMOVED TO THORPE HOSPITAL
	At all Ages	At Ages — Years												Seaburn, Burdon, Dalton- le-Dale, Seaton, Hawthorn and Cold Hesledon	East Murton	Haswell & South Hetton	Easington	Shotton	Horden	Wingate & Station Town	Thornley, Kelloe and Trindon	Wheatley Hill	Hutton Henry, Sheraton and Castle Eden	Blackhalls & Hesledon		
		Under 1	1 and under 2	2 and under 3	3 and under 4	4 and under 5	5 and under 10	10 and under 15	15 and under 20	20 and under 35	35 and under 45	45 and under 65	65 and up- wards													
Smallpox	58				1		19	12	3	5	9	5	4	3	47	4	2				1	1				
Scarlet Fever	222	4	5	18	24	18	90	38	13	10	2			9	35	28	95	12	18	6	7	3	1	8	177	
Diphtheria	66	1		1	6	6	27	15	5	5				4		14	24	8	2	7	3	2		2	55	
Enteric Fever	9							2	1	4		2		2	2		2				2			1	10	
Puerperal Fever	4										3	1			1	1		1		1						
Cerebro-Spinal Fever	1						1									1									1	
Pneumonia	166	22	26	14	6	5	24	9	9	17	9	14	11	6	1	45	8	6	33	10	24	17		16		
Erysipelas	54	4						4	5	9	6	20	6	3	5	11	11	5	3	2	3	6		5	1	
Chicken Pox	563	36	30	50	44	63	304	25	2	3	5	1		10	181	127	90	7	27	56	24	15		26		
Pulmonary Tuberculosis	95		2			1	9	13	13	36	11	9	1	8	19	6	17	7	9	9	5	9		5		
Other forms of Tuberculosis	105	2	2	8	7	4	23	28	10	12	5	3	1	6	12	17	7	15	18	11	10	5		5		
Ophthalmia Neonatorum	9	9												2		2	1	1		2	1					
Encephalitis Lethargica	9					1	1			3	3	1				2			6	1						
Totals	1361	78	65	91	88	98	498	146	61	107	51	55	23	53	303	258	257	62	116	105	80	58	1	68	244	

TABLE IV

Easington Rural District.

Births and Deaths in various places of the District during the year 1925

Place	Total Births	Deaths			Illegitimate Births			Illegitimate Deaths under 1 year of Age		
		Total	Male	Female	Total	Male	Female	Total	Male	Female
Easington ...	280	143	75	68	18	9	9	1		1
Haswell ...	201	93	51	42	8	5	3	1		1
East Murton ...	247	103	57	46	5	1	4			
Seaham ...	170	87	43	44	5	3	2			
Cold Hesledon ...	21	9	8	1						
Seaton ...	7	2	1	1						
Burdon ...	3	2		2						
Hawthorn ...	3	2	1	1						
Dalton-le-Dale ...	14	5	1	4						
Horden ...	305	111	56	55	6	3	3			
Shotton ...	224	93	56	37	9	5	4	1		1
Wheatley Hill ...	163	65	44	21	7	4	3			
Thornley ...	136	71	43	28	5		5	1		1
Station Town ...	82	22	15	7	2	1	1			
Wingate ...	149	66	40	26	3	2	1			
Castle Eden Colliery ...	77	31	15	16	3		3			
Blackhalls ...	91	34	21	13	2		2			
Trimdon ...	60	23	14	9						
Hutton Henry ...	18	7	3	4						
Castle Eden ...	8	9	4	5						
Kelloe ...	16	9	2	7						
Sheraton ...	6									
Totals ...	2,281	987	550	437	73	33	40	4		4

TABLE V.

Easington Rural District.

Adoptive Acts. Schedule of Orders in force

PUBLIC HEALTH ACT, 1875 Sec.44 By-laws. Cleansing of Footways and Pavements. Sec. 42. Scavenging and Cleansing. Sec.157. By-laws with respect to New Buildings,&c. Sec. 158. Works contrary to By-laws.	PUBLIC HEALTH ACT, 1875 Sec. 42. Scavenging and Cleansing. Regulations as to Streets and Houses	PUBLIC HEALTH ACT, 1875 Sec. 39. Urinals.	PUBLIC HEALTH ACT, 1875 Sec. 66. Fire Hydrants.	PUBLIC HEALTH ACTS AMENDMENT ACT, 1907	PUBLIC HEALTH ACT, 1875 Secs.112 and 113 (including Trade of a Fish Fryer). Offensive Trades.	PUBLIC HEALTH ACT, 1875 Sec. 169. 2nd and 3rd Paragraphs. Sec. 170. P.H. Acts Amendment Act 1890. Secs.30 and 31. Slaughter-Houses.
23rd June, 1876. Castle Eden. Haswell. Monk Hesleden. Murton, East. Seaham. Shotton. Thornley. Wingate.		27th February, 1905. Seaham. 6th October, 1905. Wingate. 15th November, 1907. Thornley. 9th April, 1908. Murton, East.	9th September, 1905. Seaham. 25th September, 1912. Monk Hesleden. 21st July, 1919. Castle Eden. Cold Hesleden. Dalton-le-Dale. Easington. Haswell. Hawthorn. Hutton Henry. Kelloe. Murton, East. Shotton. Wingate.	13th December, 1910. Part II., except Secs. 19 and 21. Part III., except Secs. 39, 40, 41, 42 and 47. Parts IV. and V. adopted by R.D.C. 28th January 1909. Part III. Secs. 39, 40, 41 and 42 adopted 19th March, 1914.	31st May, 1911. Adopted by R.D.C. 13th December, 1910.	13th January, 1912.
4th January, 1889. Cold Hesledou. Hutton Henry. Kelloe.	3rd December, 1896. Every Parish in District.	13th April, 1911. Shotton. 29th July, 1911. Hutton Henry. 25th March, 1918. Easington. 3rd May, 1920. Haswell.	<p>INFECTIOUS DISEASES NOTIFICATION ACT, 1889. Adopted 2nd March, 1893. Came into operation 5th April, 1893.</p> <p>PUBLIC HEALTH ACTS AMENDMENT ACT, 1890. PART III. Adopted 13th August, 1908.</p> <p>PUBLIC HEALTH ACTS AMENDMENT ACT, 1890 PART IV. Music and Daucing. Order of L.G.B., 6th May, 1918.</p> <p>SEC. 160, PUBLIC HEALTH ACT, 1875, as incorporates the provisions of the TOWNS IMPROVEMENT CLAUSES ACT, 1847, with respect to naming of streets and numbering of houses. Adopted 19th February, 1914.</p> <p>SEC. 160, PUBLIC HEALTH ACT, 1875, as incorporates the provisions of the TOWNS IMPROVEMENT CLAUSES ACT, 1847, with respect to improving the line of streets and removing obstructions, and with respect to ruinous or dangerous buildings. Ministry of Health Order of 15th January, 1920.</p> <p>SEC. 45, PUBLIC HEALTH ACT, 1875. Scavenging Refuse Tips. Ministry of Health Order. 21st June, 1920.</p> <p>SEC. 202, PUBLIC HEALTH ACT, 1875, and SECS. 15 and 56, LOCAL GOVERNMENT ACT, appointing Parochial Committees for the Parishes of Easington, Haswell, Hutton Henry, Monk Hesleden, Murton (East), Seaham, Shotton, Thornley and Wingate. Adopted by Resolution of R.D.C. from 1st March, 1920.</p>			
30th April, 1895. Burdon. Dalton-le-Dale. Easington. Hawthorn. Nesbit. Seatou, with Slingley Sheratou, with Hulam						

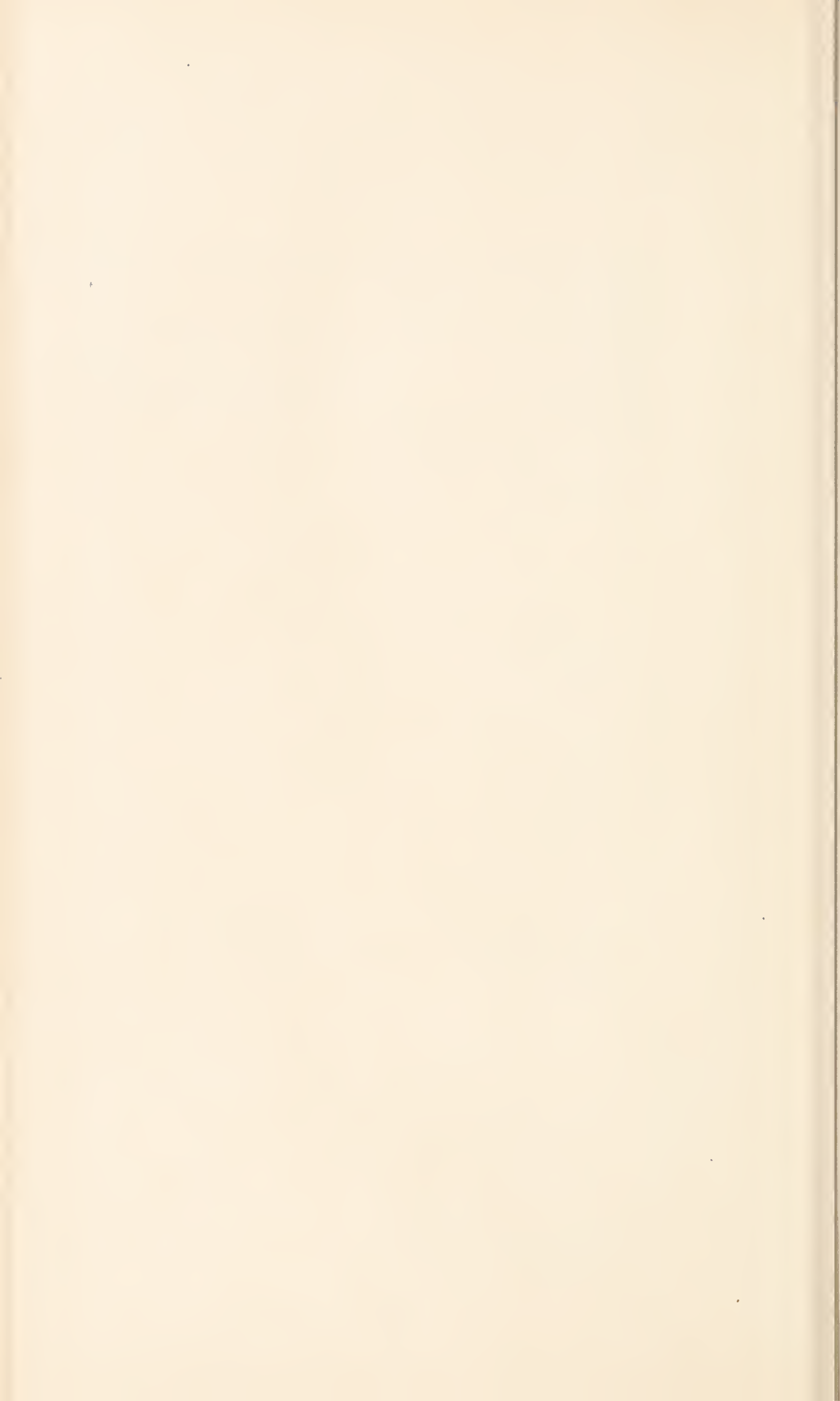


TABLE VI

Annual Report of the Medical Officer of Health for the year 1925, for the Rural District of Easington.

on the administration of the Factory and Workshop Act, 1901, in connection with
FACTORIES, WORKSHOPS AND WORKPLACES.

1. INSPECTION OF FACTORIES, WORKSHOPS AND WORKPLACES.

Premises (1)	Number of		
	Inspections (2)	Written Notices (3)	Prosecutions (4)
FACTORIES (Including Factory Laundries)	121	5	
WORKSHOPS (Including Workshop Laundries)			
WORKPLACES (Other than Outworkers' premises)	172	13	
Total	293	18	

2. DEFECTS FOUND IN FACTORIES, WORKSHOPS AND WORKPLACES.

Particulars (1)	Number of Defects			No. of Prosecutions (5)
	Found (2)	Remedied (3)	Referred to H.M. Inspector (4)	
<i>*Nuisances under the Public Health Acts :—</i>				
Want of cleanliness	22	22	—	—
Want of Ventilation	0	0	—	—
Overcrowding	—	—	—	
Want of drainage of floors	—	—		
Other nuisances	—	—		
Sanitary accommodation { insufficient ... unsuitable or defective ... not separate for sexes ...	—	—	—	
<i>Offences under the Factory and Workshop Acts :—</i>				
Illegal occupation of underground bakehouse (s. 101)				
Other offences				
(Excluding offences relating to outwork and offences under the Sections mentioned in the Schedule to the Ministry of Health (Factories and Workshops Transfer of Powers) Order, 1921).				
Total	22	22		

*Including those specified in sections 2, 3, 7 and 8 of the Factory and Workshop Act, 1901, as remediable under the Public Health Acts.

